ABSTRACT

An enabling circuit including a comparison circuit, a switching circuit, and an output decision circuit. The comparison circuit compares a first comparison signal representative of a charge on a capacitor of a DC to DC converter with a second comparison signal representative of a reference charge and provides a comparison output signal in response to the comparison. In response to the comparison output signal, the switching circuit provides a first switching signal in a first state if the charge on the capacitor is less than said reference charge. Finally, the output decision circuit accepts at least the first switching signal and provides an enabling signal to enable the DC to DC converter to be controlled by a control signal in response to the first switching signal in the first state.